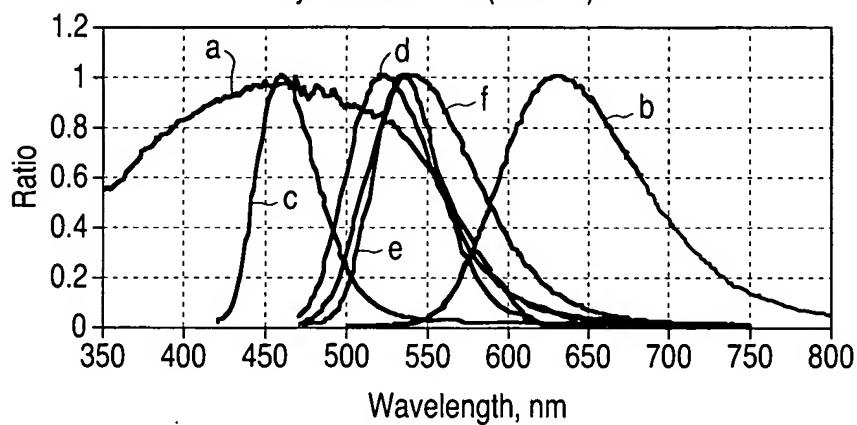
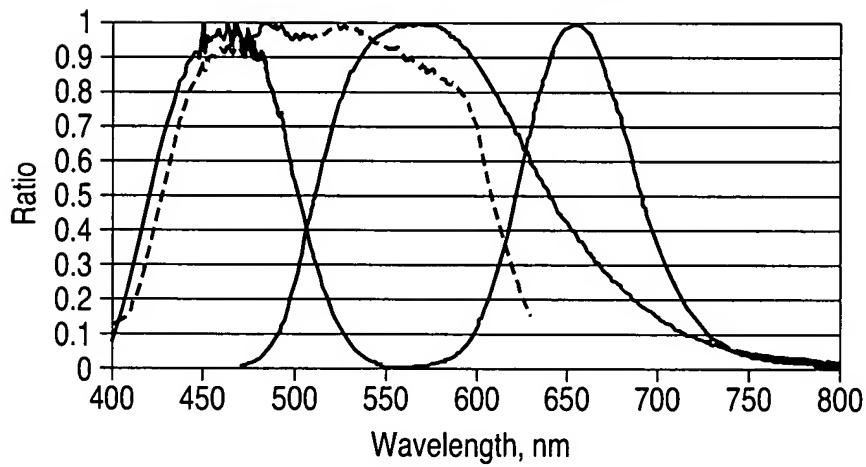


FIG. 1
(PRIOR ART)

Excitation and emission of phosphors excitable by blue/near UV (400 nm) LED

**FIG. 2**

Excitation and emission of YAG:Ce and CaS:Eu

**FIG. 14**

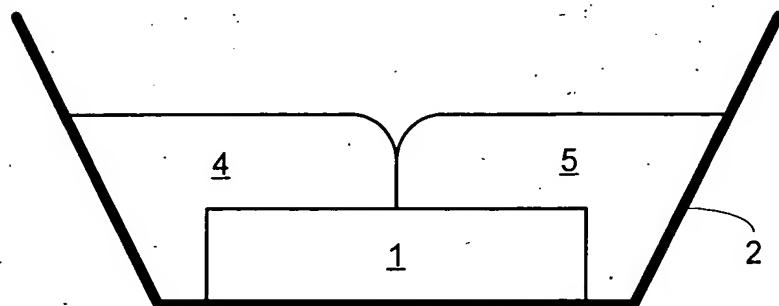


Fig. 3

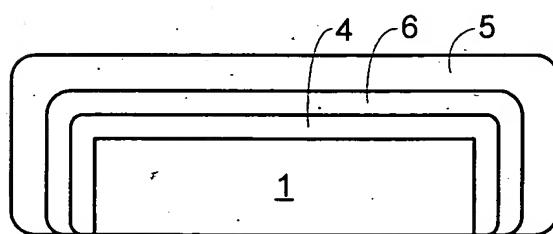


Fig. 4

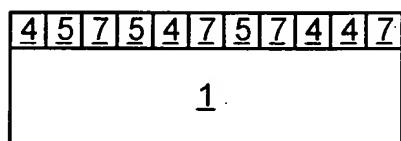


Fig. 5

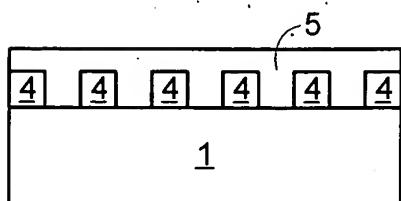
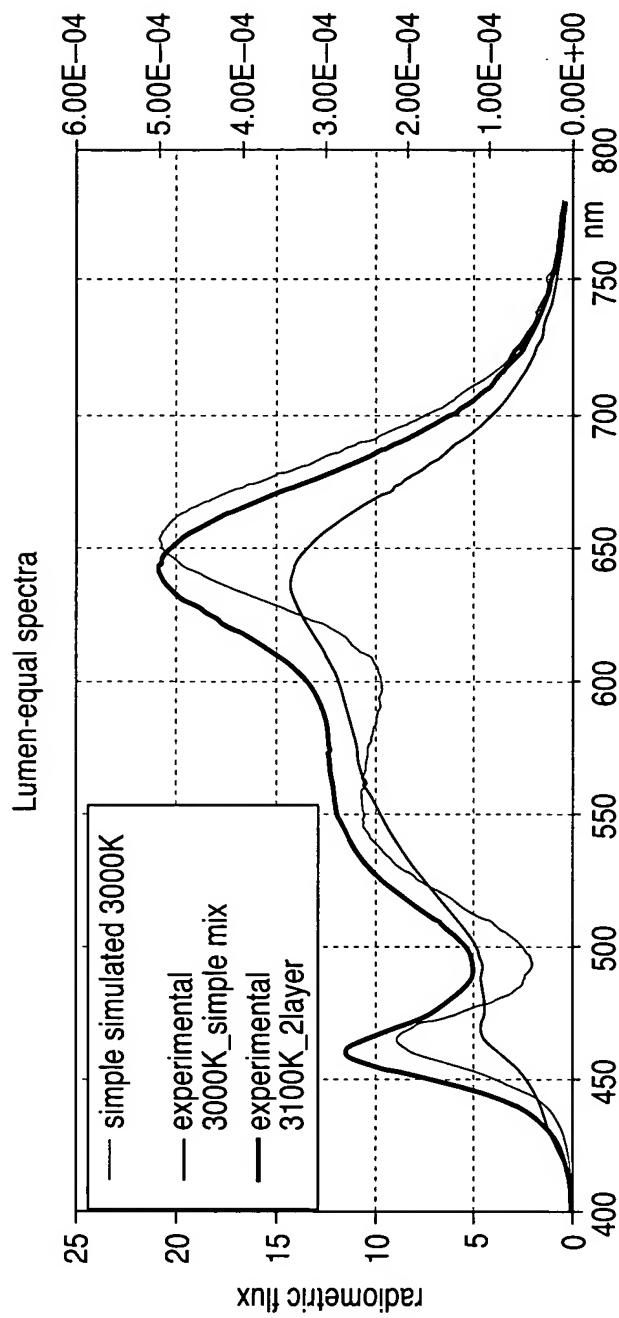


Fig. 6

**FIG. 7**

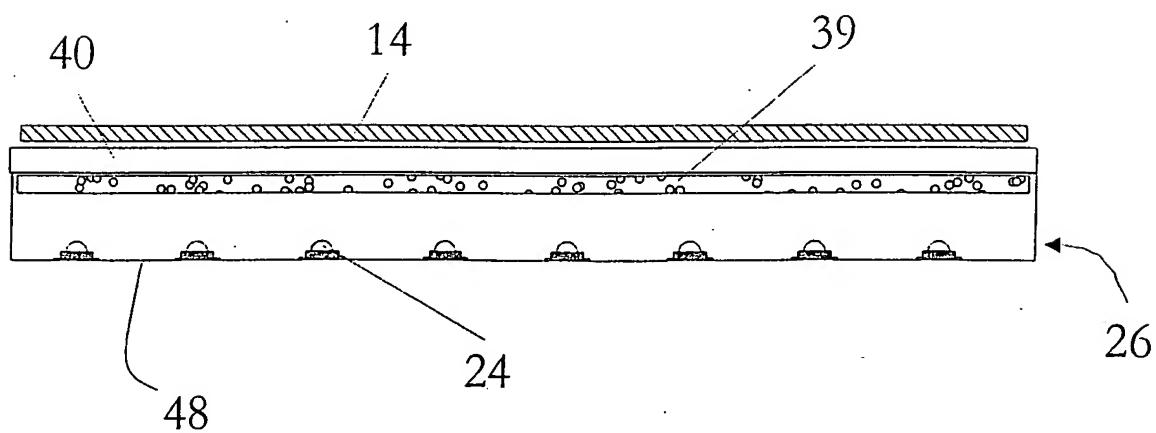
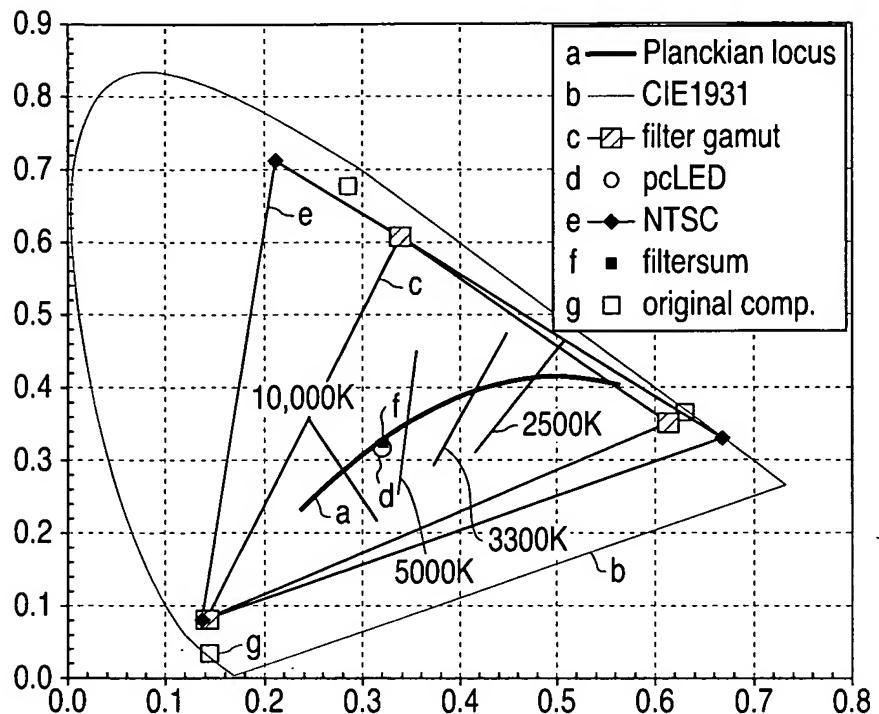


FIG. 8



455+YAG:Ce

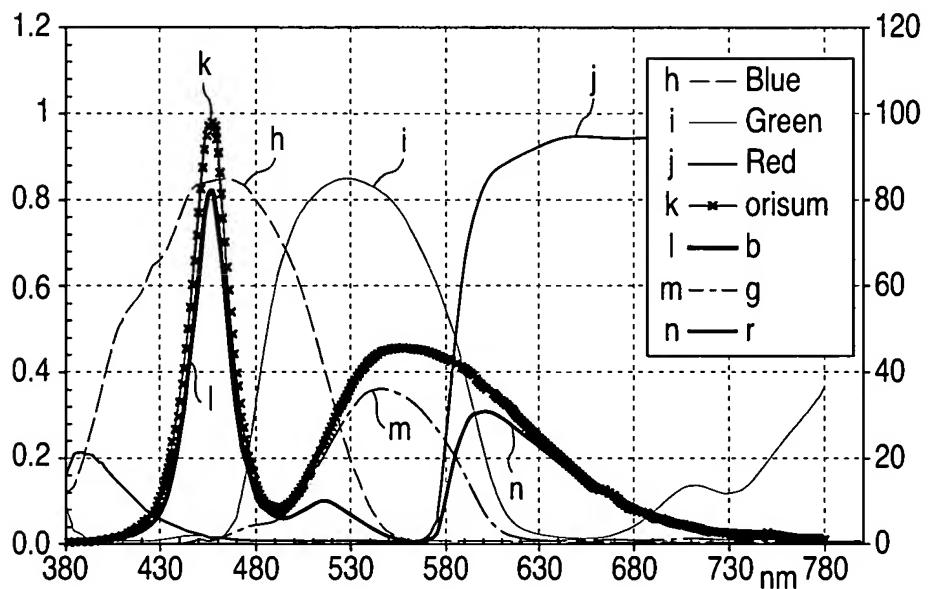
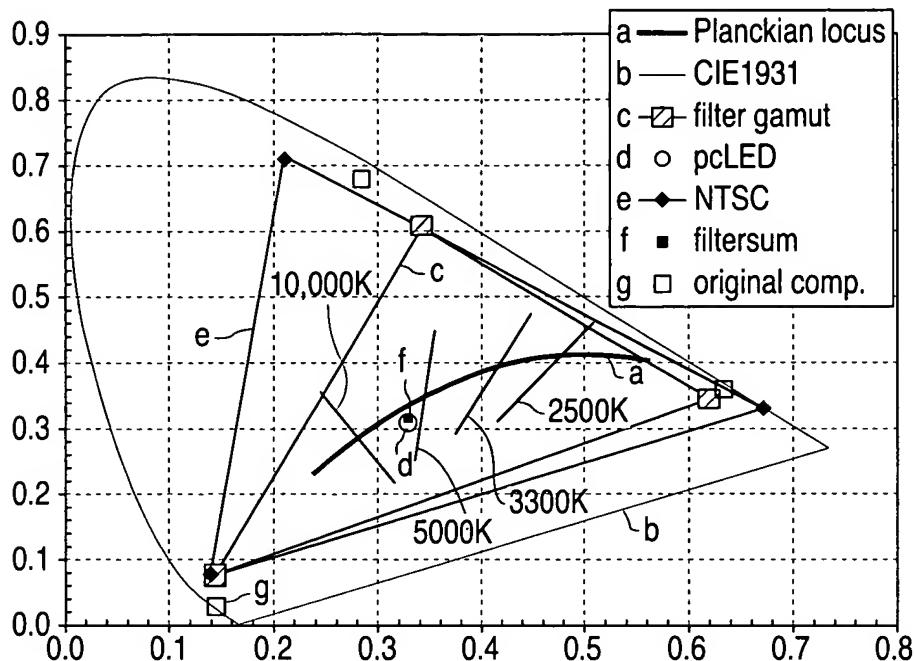


FIG. 9



455+YAG:Ce+SrS:Eu

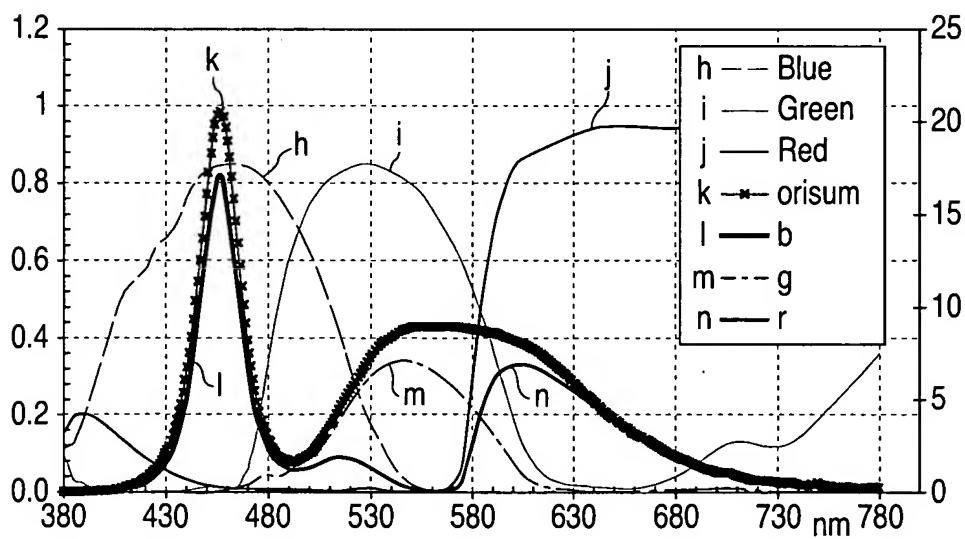
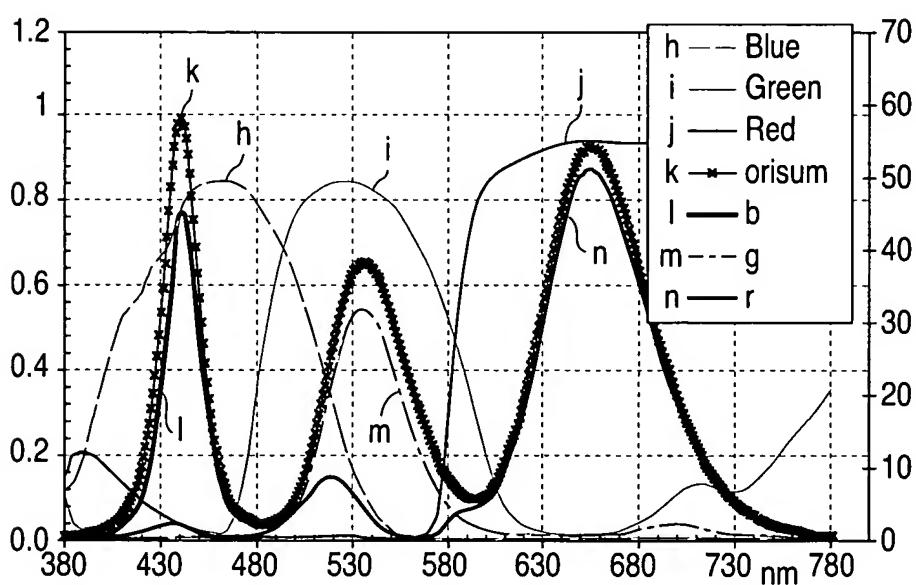
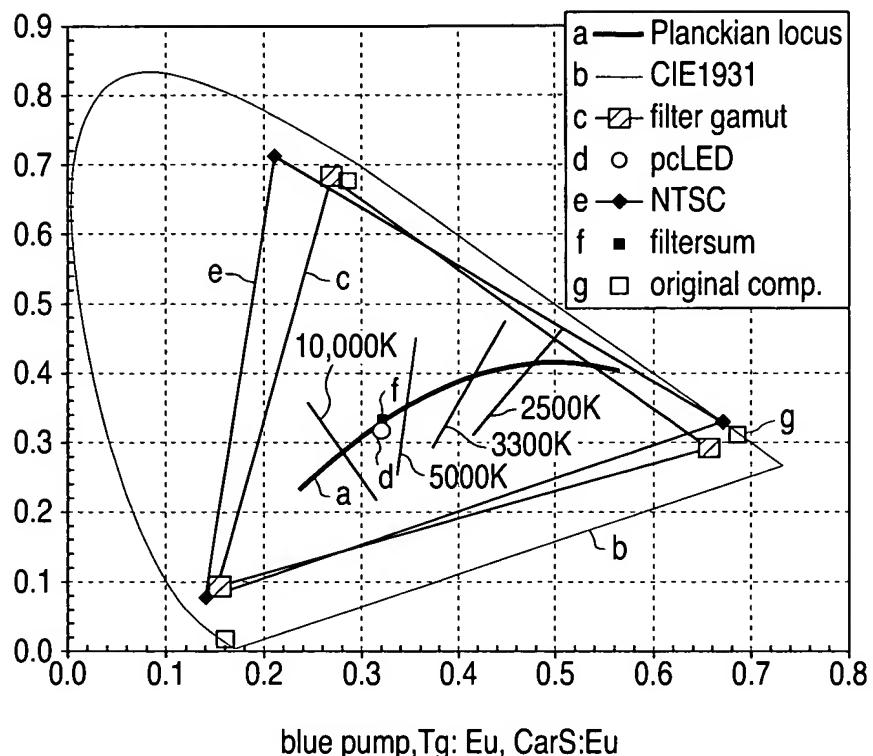


FIG. 10

**FIG. 11**

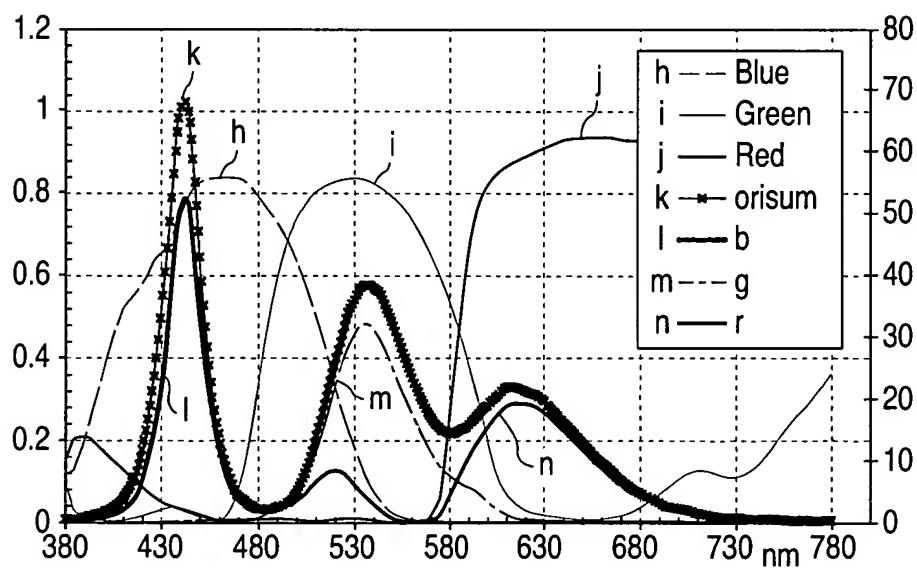
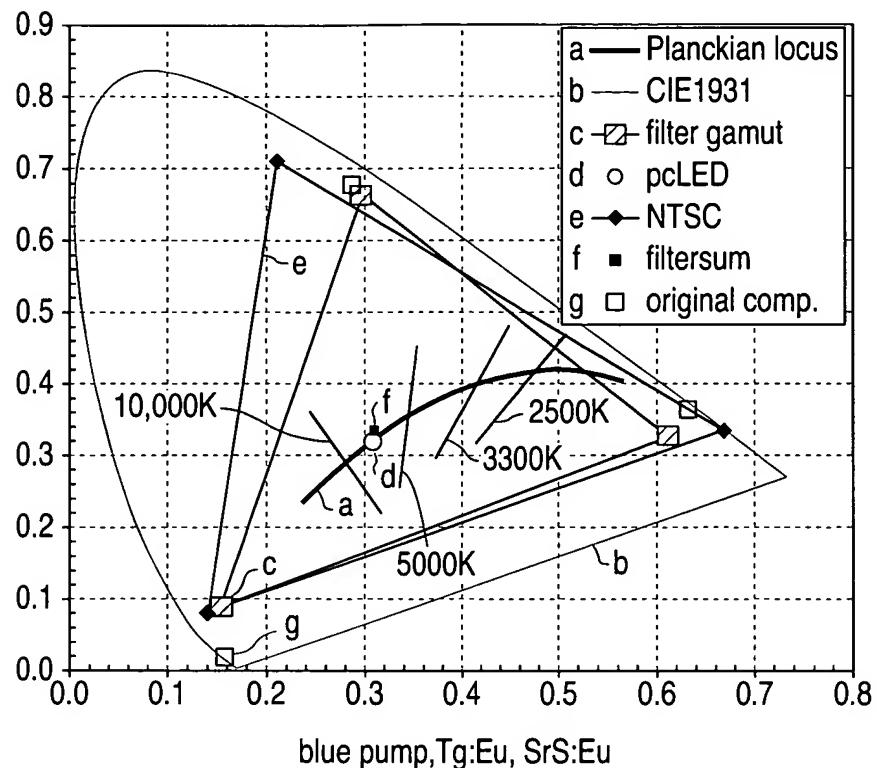
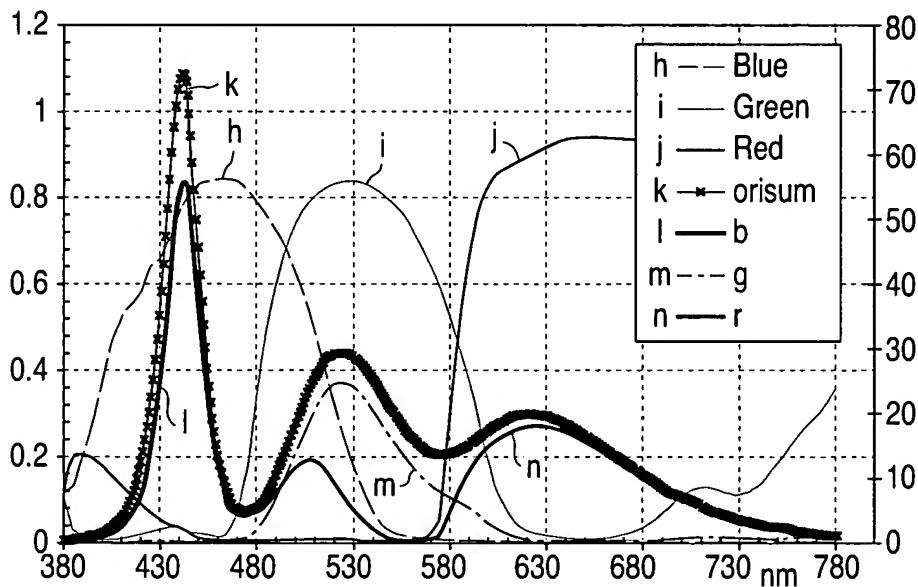
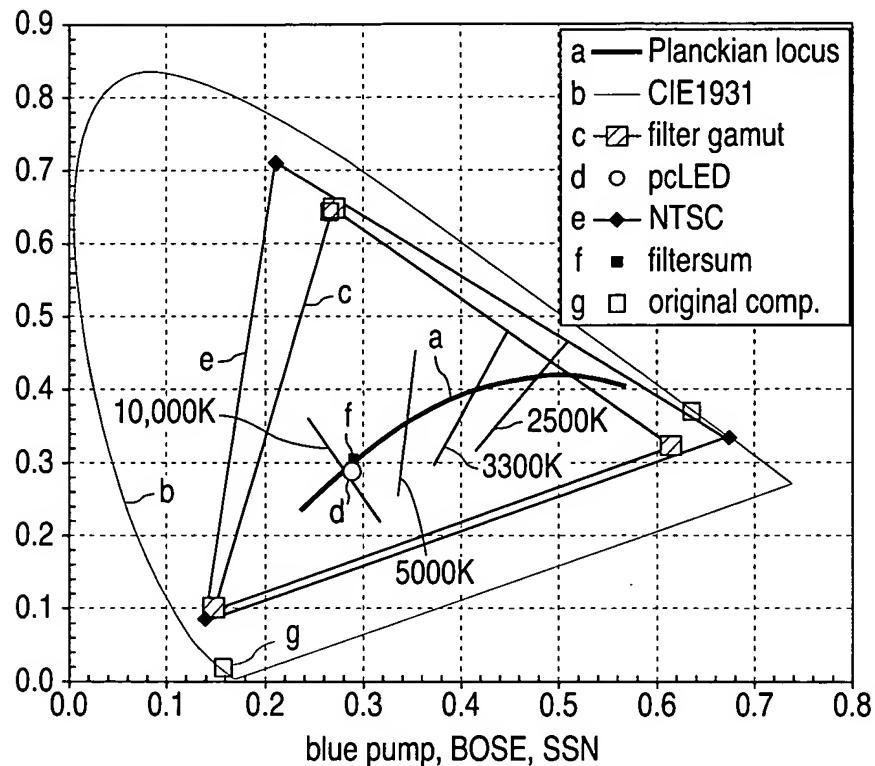
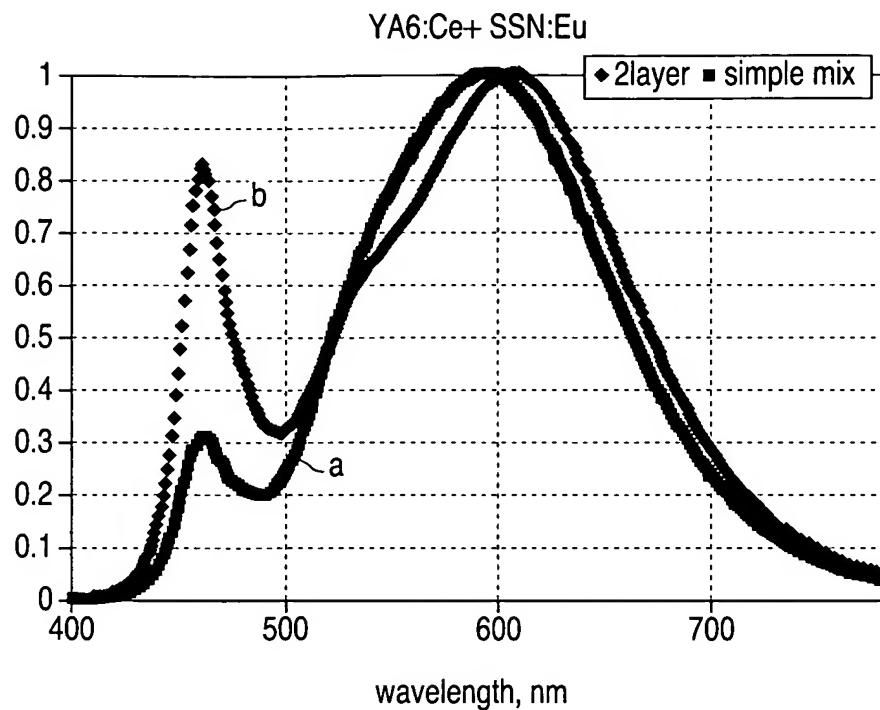


FIG. 12

**FIG. 13**



	2layer	mix	Ra
CRI	87	75	
	88	71	
	98	81	
	94	92	
	82	71	
	87	69	
	94	74	
	83	86	
	71	57	
R9	39	-9	
	91	55	
	79	64	
	73	40	
	92	72	
	98	95	
LE,lm/W	296	343	
CCT	3250	3100	

FIG. 15